

FORM PTO-1449

ATTY. DOCKET NO.  
37851-911SERIAL NO.  
10/022,249LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Vega, *et al.*

FILING DATE

December 17, 2001

GROUP

1631



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
CSM	A	5	7	9	8	2	0	8	08/25/98	Crea	435	6	11/02/92

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
CSM	B	0	1	4	4	8	0	9	06/21/01	PCT	_____	_____	X	
	C	0	1	8	6	2	9	1	11/15/01	PCT	_____	_____	X	
	D	0	2	1	6	6	0	6	02/28/02	PCT	_____	_____	X	
	E	1	0	2	2	3	3	5	07/26/00	EP	_____	_____		
	F	9	7	3	8	7	2	3	10/23/97	PCT	_____	_____		
	G	9	8	3	2	8	8	0	07/30/98	PCT	_____	_____		
↓	H	9	9	6	4	5	8	2	12/16/99	PCT	_____	_____		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CSM	I	Certified English Translation of PCT Patent Application No. WO 01/44809, "Methods for Screening or Assessing the Performance of a Collection of Biological Agents in Living Target Cells, and their Applications."
	J	Certified English Translation of PCT Patent Application No. WO 01/86291, "Method for Determining the Titer of Biological Agents in Living Target Cells."
	K	Certified English Translation of PCT Patent Application No. WO 02/16606, "Method for Massive Directed Mutagenesis."
↓	L	Xiao <i>et al.</i> , "Construction and Screening of a Multi-Point Site-Specific Mutant Library of Subtilisin E with a Set of Oligonucleotides", 40(4):337-344 (1997)

EXAMINER

C. M. / H

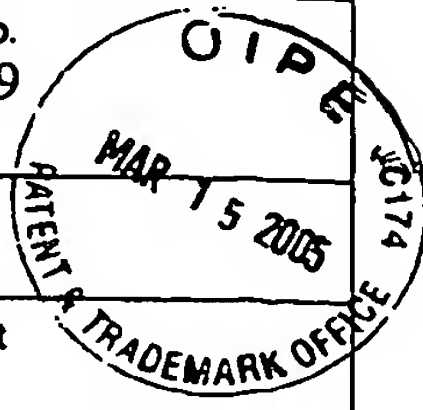
DATE CONSIDERED

June 19, 2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TITLE: HIGH THROUGHPUT DIRECTED EVOLUTION BY RATIONAL MUTAGENESIS

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17109-002001 / 911		Application No. 10/022,249	
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))				Applicant Manuel Vega, et. al			
				Filing Date December 17, 2001		Group Art Unit 1631	



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
CSM	AA	3,171,820	03/02/65	Volz et al.	521	61	02/17/64
	AB	5,223,409	06/29/93	Ladner et al.	435	69.7	03/01/91
	AC	6,013,478	01/11/00	Wells et al.	435	69.1	06/24/98
	AD	2003/0129203	07/10/03	Manuel Vega et al.	424	233.1	12/17/01
	AE	2003/0129584	07/10/03	Manuel Vega	435	5	10/28/02
	AF	2003/0175694	09/18/03	Manuel Vega et al.	435	5	05/09/03
	AG	2003/0224404	12/04/03	Vega et al.	435	6	02/24/03
✓	AH	2004/0132977	07/08/04	Rene Gantier et al.	530	351	09/08/03

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
CSM	AI	01/25253	04/12/01	PCT	_____	_____		
	AJ	01/32711	05/10/01	PCT	_____	_____		
	AK	01/32844	05/10/01	PCT	_____	_____		
	AL	01/61344	08/23/01	PCT	_____	_____		
	AM	01/025438 ✓	04/12/01	PCT	_____	_____		
	AN	03/018820	03/06/03	PCT	_____	_____		
	AO	03/023032	03/20/03	PCT	_____	_____		
	AP	04/022747	03/18/04	PCT	_____	_____		
	AQ	04/022593	03/18/04	PCT	_____	_____		
	AR	0 240 224	10/07/87	EP	_____	_____		
	AS	95/23813	09/08/95	PCT	_____	_____		
	AT	98/13487	04/02/98	PCT	_____	_____		
✓	AU	99/07833	02/18/99	PCT	_____	_____		

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document

Examiner Signature <i>C. M. H.</i>	Date Considered <i>June 10, 2005</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))				Applicant Manuel Vega, et. al	
				Filing Date December 17, 2001	Group Art Unit 1631
Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document			
CSM	AV	Charbord <i>et al.</i> "Normal human granulomonocytic bone marrow progenitor cells responsiveness to colony stimulating activity" <i>Nouv.l Rev. Fr. Hématol.</i> 22:357-370 (1980)			
	AW	Davis <i>et al.</i> "High throughput method for creating and screening recombinant adenoviruses" <i>Gene Therapy</i> 5(8):1148-1152 (1998)			
	AX	Gibrat <i>et al</i> "Surprising similarities in structure comparison" <i>Curr. Opinon in Structural Biology</i> 6(3): 377-385 (1996)			
	AY	Holm <i>et al</i> "Mapping the protein Universe" <i>Science</i> 273(2):8036-8075 (1996)			
	AZ	Kuhn "Structural basis for the positional specificity of lipoxygenases" <i>Prostaglandins and other lipid mediators</i> 62(3): 255-270 (2000)			
	BA	Lewerenz <i>et al.</i> "Shared receptor components but distinct complexes for alpha and beta interferons" <i>J. Mol. Biol.</i> 282(3):585-599 (1998)			
	BB	Manetti <i>et al.</i> "Design and realization of a tailor-made enzyme to modify the molecular recognition of 2-arylpropionic esters by <i>Candida rugosa</i> lipase" <i>Biochem. Biophys. Acta</i> 1543(1): 146-158 (2000)			
	BC	Moullier <i>et al.</i> , "Comparative binding of wheat germ agglutinin and its succinylated form on lymphocytes" <i>European J. Biochem.</i> 161:197-204 (1986)			
	BD	Piehler <i>et al</i> "New Structural and functional aspects of the type I interferon-receptor interaction revealed by comprehensive mutational analysis of the binding interface" <i>J. Biol Chem.</i> 275(51): 40425-40433 (2000)			
↓	BE	Schumann <i>et al.</i> "Intracellular Ca <sup>2+</sup> inhibits smooth muscle L-type Ca <sup>2+</sup> channels by activation of protein phosphatase type 2B and by direct interaction with the channel", <i>J. General Physiology</i> 110: 503-513 (1997)			

Examiner Signature C. M. / f	Date Considered June 10, 2005
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